

## WEST Search History

DATE: Friday, August 01, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L6	magnetic bact\$ near ther?	0	L6
L5	magnetic bact\$	39	L5
L4	magnet\$ near ther?	1	L4
L3	Magnet\$	1374566	L3
L2	magnetosome	47	L2
L1	magnet\$ same ?crystal	0	L1

END OF SEARCH HISTORY

L20 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1998:103254 CAPLUS

DOCUMENT NUMBER: 128:202165

TITLE: Magnetic control of bacterial magnetite-myosin  
conjugate movement on actin cables

AUTHOR(S): Tanaka, T.; Yamasaki, H.; Tsujimura, N.; Nakamura, N.;  
Matsunaga, T.

CORPORATE SOURCE: Dep. Biotechnol., Tokyo Univ. Agriculture Technol.,  
Koganei, 184, Japan

SOURCE: Materials Science & Engineering, C: Biomimetic  
Materials, Sensors and Systems (1997), C5(2), 121-124  
CODEN: MSCEEE; ISSN: 0928-4931

PUBLISHER: Elsevier Science S.A.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The control of actin-myosin movement using a bacterial magnetic particle (BMP) which was synthesized intracellularly by **magnetic bacteria** was investigated. Myosin immobilized on the BMP (myosin-BMP conjugate) was prepd. with heterobifunctional reagents, sulfo-LC-SPDP (sulfosuccinimidyl 6-(3'-(2-pyridyldithio)-propionamido) hexanoate) and sulfo-SMCC (sulfosuccinimidyl 4-(N-maleimidomethyl)cyclohexane-1-carboxylate). When a magnetic force was applied in the same direction as the myosin-BMP conjugate movement (neg. magnetic force) at 22-23.degree., the velocity increased from 2.0 .mu.m/s to 7.5 .mu.m/s. When a magnetic force was applied in the opposite direction to the myosin-BMP conjugate movement (pos. magnetic force), the velocity decreased from 10.7 .mu.m/s to 0 .mu.m/s. These results indicate that the sliding force of the myosin-BMP conjugate caused by the actin - myosin interaction can be controlled using a Nd-B magnet. It will be possible to develop a nano-sized actuator that can be controlled by the external magnetic force. This system could also be applicable to anal. of the dynamics of a single myosin mol.

FILE 'BIOSIS, MEDLINE, CAPLUS, EMBASE, CANCERLIT' ENTERED AT 11:19:18 ON  
01 AUG 2003

L1	269	MAGNETOSOME
L2	186	MAGNETIC BACT?
L3	315653	PHOSPHOLIPID
L4	2	L1 AND L2 AND L3
L5	6451059	THERAP?
L6	4	L1 AND L5
L7	1	L2 AND L5
L8	3	DUP REM L6 (1 DUPLICATE REMOVED)

L8 ANSWER 1 OF 3 MEDLINE on STN DUPLICATE 1  
 ACCESSION NUMBER: 2003284016 IN-PROCESS  
 DOCUMENT NUMBER: 22695807 PubMed ID: 12811697  
 TITLE: [**Magnetosomes** as biological model for iron binding: relaxivity determination with MRI].  
 Magnetosomen als biologisches Modell der Eisenbindung: Messung der Relaxivitat in der MRT.  
 AUTHOR: Herborn C U; Papanikolaou N; Reszka R; Grunberg K; Schuler D; Debatin J F  
 CORPORATE SOURCE: Institut fur Diagnostische und Interventionelle Radiologie, Universitätsklinikum Essen.. christoph.herborn@uni-essen.de  
 SOURCE: ROFO. FORTSCHRITTE AUF DEM GEBIETE DER RONTGENSTRAHLEN UND DER NEUEN BILDGEBENDEN VERFAHREN, (2003 Jun) 175 (6) 830-4. Journal code: 9112114. ISSN: 1438-9029.  
 PUB. COUNTRY: Germany: Germany, Federal Republic of  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: German  
 FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals  
 ENTRY DATE: Entered STN: 20030618  
 Last Updated on STN: 20030715

AB PURPOSE: In vitro characterization of iron-containing bacterial particles (**magnetosomes**) as superparamagnetic contrast agents for MRI.  
 MATERIAL AND METHODS: Different concentrations of **magnetosomes** were examined with a 1.5 T clinical whole-body MR system at 21 degrees C using the transit/receive extremity coil. Both longitudinal and transversal relaxivities (R1 and R2) of the **magnetosomes** were determined by an inversion recovery snapshot gradient recall echo (IR FLASH) with various inversion times and a multi echo spin echo sequence. Atomic absorption spectrometry (AAS) and electron microscopy were used as reference standard. RESULTS: Longitudinal and transverse relaxivities of the **magnetosomes** were calculated to be R1 = 7.688 mmol<sup>-1</sup> s<sup>-1</sup> and R2 = 147.67 mmol<sup>-1</sup> s<sup>-1</sup>, respectively. The corresponding iron concentrations were determined in all dilutions using AAS, while the **magnetosomes** were morphologically delineated by electron microscopy. CONCLUSION: **Magnetosomes** represent a new and interesting class of iron-containing contrast agents warranting further evaluation in cellular cultures and animal models. **Magnetosomes** may be suited for displaying the vector distribution and gene expression of new molecular **therapies**.

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:52537 CAPLUS  
 DOCUMENT NUMBER: 135:86386  
 TITLE: Applications for **magnetosomes** in medical research  
 AUTHOR(S): Reszka, Regina C.  
 CORPORATE SOURCE: Max-Delbrück-Centrum für Molekulare Medizin AG Drug Targeting, Berlin, 13122, Germany  
 SOURCE: Biomineralization (2000), 81-91. Editor(s): Baeuerlein, Edmund. Wiley-VCH Verlag GmbH: Weinheim, Germany.  
 CODEN: 69AVYM  
 DOCUMENT TYPE: Conference; General Review  
 LANGUAGE: English  
 AB A review with 42 refs. regarding the use of **magnetosomes** in combination with cationic liposomes to generate a novel delivery system for improved and efficient gene **therapy**.  
 REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1998:624009 CAPLUS  
 DOCUMENT NUMBER: 129:241887  
 TITLE: Specific **magnetosomes** and method for their

production and use  
 INVENTOR(S): Baeuerlein, Edmund; Schueler, Dirk; Reszka, Regina;  
 Paeuser, Sabine  
 PATENT ASSIGNEE(S): Max-Delbrueck-Centrum fuer Molekulare Medizin,  
 Germany; Max-Planck-Gesellschaft zur Foerderung der  
 Wissenschaften E.V. Berlin  
 SOURCE: PCT Int. Appl., 16 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9840049	A2	19980917	WO 1998-DE668	19980306
WO 9840049	A3	19990107		
W: CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19716732	A1	19980917	DE 1997-19716732	19970414
DE 19716732	C2	19990325		
EP 971692	A2	20000119	EP 1998-919046	19980306
EP 971692	B1	20030305		
R: AT, BE, CH, DK, ES, FR, GB, IT, LI, NL, SE, FI				
JP 2001527534	T2	20011225	JP 1998-539072	19980306
AT 233546	E	20030315	AT 1998-919046	19980306
PRIORITY APPLN. INFO.:				
			DE 1997-19709322 A	19970307
			DE 1997-19716732 A	19970414
			WO 1998-DE668 W	19980306

AB Specific **magnetosomes** consisting of a magnetic Fe<sub>3</sub>O<sub>4</sub> single crystal with diam. .ltoreq.45 nm surrounded by a phospholipid membrane, and magnetoliposomes obtained from such **magnetosomes** by liposomal encapsulation, are useful as NMR contrast agents, in purging (removal of pathogenic cells), as diagnostic agents for tumors or in lymphog., for inflammatory processes, for multiple sclerosis, Alzheimer's disease, or Parkinson's disease, and as **therapeutic** agents. These **magnetosomes** are obtained from Magnetospirillum gryphiswaldense in cubooctahedral form and are sufficiently small to minimize the danger of embolism. They may be coupled to specific antibodies, **therapeutic** agents, or radionuclides, and can form cationic complexes with plasmids, antisense oligonucleotides, ribozymes, or other genetic material suitable for gene transfer. Thus, M. gryphiswaldense was cultured in a liq. medium contg. KH<sub>2</sub>PO<sub>4</sub> 0.3, NaOAc 1, soybean peptone 1, NH<sub>4</sub>Cl 0.1, and yeast ext. 0.1 g/L at 30.degree. and pH 6.9 with aeration such that the O<sub>2</sub> concn. in the medium was .ltoreq.2% of satn.; when the optical d. at 400 nm reached 0.55, FeSO<sub>4</sub> was added to a concn. of 100 .mu.M along with 70 g NaOAc/L. After 30 h the cells were centrifuged, washed, passed through a French press, centrifuged at low speed, and the **magnetosomes** were sepd. on a magnetic column, washed, and purified by sucrose gradient d. centrifugation. These **magnetosomes** were injected i.v. into rats (35.81 .mu.mol Fe/kg body wt.) as a contrast agent for detection of implanted liver adenocarcinomas by NMR tomog.

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:265923 CAPLUS

DOCUMENT NUMBER: 135:269315

TITLE: Radiolabeled magnetic microcapsules for magnetically targeted radionuclide **therapy**

AUTHOR(S): Hafeli, Urs

CORPORATE SOURCE: Radiation Oncology Department, Cleveland Clinic Foundation, Cleveland, OH, USA

SOURCE: Microspheres, Microcapsules & Liposomes (2001), 3(Radiolabeled and Magnetic Particulates in Medicine & Biology), 559-584

CODEN: MMLIFU; ISSN: 1461-1732

PUBLISHER: Citus Books

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

AB A review with 51 refs. This chapter presents a general overview of microparticles (microcapsules) that carry both radioactivity and magnetism, and are potentially useful for magnetically targeted radionuclide **therapy** of cancer. Prepn. of radiolabeled magnetic microcapsules based on biodegradable polymers (starch and polylactide) is outlined. Diagnostic application of these microcapsules in which a gamma emitter plays the role of a tracing agent for visualizing in vivo biodistribution of magnetically targeted microcapsules is highlighted. Preliminary results of in vitro tests and in vivo evaluation of magnetic microcapsules carrying a beta emitter (90Y) are described to illustrate **therapeutic** potential of radiolabeled magnetic microcapsules for magnetic targeting to tumors. Expts. and anal. of magnetic field and field gradient are discussed to establish distances at which magnetic microcapsules of different types and sizes could be moved by the magnetic field. The related use of magnetic microcapsules and **magnetic bacteria** for extg. actinide radionuclides from nuclear waste is also outlined in an Appendix.

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L7	1	L2 AND L5
L8	3	DUP REM L6 (1 DUPLICATE REMOVED)
L9	0	L1 AND CARBOPLATIN
L10	0	L1 AND TAXOL
L11	0	L1 AND YTTRIUM
L12	0	L1 AND IODINE
L13	0	L1 AND TECHNETIUM
L14	0	L1 AND BORON
L15	0	L2 AND CARBOPLATIN
L16	0	L2 AND TAXOL
L17	0	L2 AND YTTRIUM
L18	0	L2 AND IODINE
L19	0	L2 AND TECHNETIUM
L20	1	L2 AND BORON
L21	0	L2 AND CARBOPLATIN

**WEST**

Generate Collection

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**Search Results - Record(s) 1 through 10 of 47 returned.**☐ 1. Document ID: US 20030059823 A1

L2: Entry 1 of 47

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059823

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030059823 A1

TITLE: Hybridization apparatus and method for detecting nucleic acid in sample using the same

PUBLICATION-DATE: March 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Matsunaga, Tadashi	Koganei-shi		JP	
Yoda, Kiyoshi	Chofu-shi		JP	
Udagawa, Yuji	Chofu-shi		JP	
Nemoto, Etsuo	Chofu-shi		JP	
Maruyama, Kohei	Chofu-shi		JP	

US-CL-CURRENT: 435/6; 435/287.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC
Draw Desc	Image										

☐ 2. Document ID: US 20030049841 A1

L2: Entry 2 of 47

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049841

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049841 A1

TITLE: High throughput or capillary-based screening for a bioactivity or biomolecule

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Short, Jay M.	Rancho Santa Fe	CA	US	
Keller, Martin	San Diego	CA	US	
Lafferty, William Michael	Encinitas	CA	US	

US-CL-CURRENT: 435/449



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 3. Document ID: US 20020086842 A1

L2: Entry 3 of 47

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086842  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020086842 A1

TITLE: Method for transfecting cells using a magnetic field

PUBLICATION-DATE: July 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Plank, Christian	Seefeld		DE	
Bergemann, Christian	Berlin		DE	

US-CL-CURRENT: 514/44; 435/320.1, 435/446, 435/455, 536/23.1, 604/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 4. Document ID: US 20020058280 A1

L2: Entry 4 of 47

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058280  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020058280 A1

TITLE: Metal chelate containing compositions for use in chemiluminescent assays

PUBLICATION-DATE: May 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Singh, Sharat	San Jose	CA	US	
Ullman, Edwin F.	Atherton	CA	US	

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 5. Document ID: US 20020034537 A1

L2: Entry 5 of 47

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034537  
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020034537 A1

TITLE: Cationic diagnostic, imaging and therapeutic agents associated with activated vascular sites

PUBLICATION-DATE: March 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schulze, Brita	Walchensee		DE	
Sauer, Birgitta	Penzberg		DE	
Dellian, Marc	Munich		DE	
Michaelis, Uwe	Weilheim		DE	
Teifel, Michael	Penzberg		DE	
Naujoks, Kurt W.	Penzberg		DE	
Biro, Claudia	Muehldorf		DE	

US-CL-CURRENT: 424/450; 424/155.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 6. Document ID: US 20020012698 A1

L2: Entry 6 of 47

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012698

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020012698 A1

TITLE: Magnetosomes, method for making and using

PUBLICATION-DATE: January 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bauerlein, Edmund	Munchen		DE	
Schuler, Dirk	Satssfurt		DE	
Reszka, Regina	Schwanebeck		DE	
Pauser, Sabine	Berlin		DE	

US-CL-CURRENT: 424/450; 424/1.11, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 7. Document ID: US 20010041333 A1

L2: Entry 7 of 47

File: PGPB

Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010041333

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010041333 A1

TITLE: High throughput screening for a bioactivity or biomolecule

PUBLICATION-DATE: November 15, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Short, Jay M.	Rancho Santa Fe	CA	US	
Keller, Martin	San Diego	CA	US	

US-CL-CURRENT: 435/6; 435/252.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 8. Document ID: US 6423533 B1

L2: Entry 8 of 47

File: USPT

Jul 23, 2002

US-PAT-NO: 6423533

DOCUMENT-IDENTIFIER: US 6423533 B1

TITLE: Isolation and use of perchlorate and nitrate reducing bacteria

DATE-ISSUED: July 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gearheart; Robert A.	Arcata	CA	95521	
Ives; Michael	McKinleyville	CA	95519	

US-CL-CURRENT: 435/262.5; 210/610, 210/611, 435/252.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 9. Document ID: US 6406913 B1

L2: Entry 9 of 47

File: USPT

Jun 18, 2002

US-PAT-NO: 6406913

DOCUMENT-IDENTIFIER: US 6406913 B1

TITLE: Assay method utilizing induced luminescence

DATE-ISSUED: June 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Kirakossian; Hrair	San Jose	CA		
Pease; John S.	Los Altos	CA		
Daniloff; Yuri	Mountain View	CA		
Wagner; Daniel B.	Sunnyvale	CA		

US-CL-CURRENT: 252/700, 422/52, 435/7.92, 435/971, 435/973, 435/975, 522/11, 522/12,  
522/6, 522/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 10. Document ID: US 6346384 B1

L2: Entry 10 of 47

File: USPT

Feb 12, 2002

US-PAT-NO: 6346384

DOCUMENT-IDENTIFIER: US 6346384 B1

TITLE: Real-time monitoring of PCR using LOCI

DATE-ISSUED: February 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pollner; Reinhold B.	San Diego	CA		

US-CL-CURRENT: 435/6; 435/5, 435/91.1, 435/91.2, 536/24.3, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Term	Documents
MAGNETOSOME	16
MAGNETOSOMES	40
MAGNETOSOME.USPT,PGPB,JPAB,EPAB,DWPI.	47
(MAGNETOSOME).USPT,PGPB,JPAB,EPAB,DWPI.	47

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L2: Entry 1 of 47

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059823  
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DOCUMENT-IDENTIFIER: US 20030059823 A1

TITLE: Hybridization apparatus and method for detecting nucleic acid in sample using the same

PUBLICATION-DATE: March 27, 2003

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NAME	CITY	STATE	COUNTRY	RULE-47
Matsunaga, Tadashi	Koganei-shi		JP	
Yoda, Kiyoshi	Chofu-shi		JP	
Udagawa, Yuji	Chofu-shi		JP	
Nemoto, Etsuo	Chofu-shi		JP	
Maruyama, Kohei	Chofu-shi		JP	

US-CL-CURRENT: 435/6; 435/287.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 2. Document ID: US 20030049841 A1

L2: Entry 2 of 47

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049841  
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NAME	CITY	STATE	COUNTRY	RULE-47
Short, Jay M.	Rancho Santa Fe	CA	US	
Keller, Martin	San Diego	CA	US	
Lafferty, William Michael	Encinitas	CA	US	

US-CL-CURRENT: 435/449

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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TITLE: Method for transfecting cells using a magnetic field

PUBLICATION-DATE: July 4, 2002

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Plank, Christian	Seefeld		DE	
Bergemann, Christian	Berlin		DE	

US-CL-CURRENT: 514/44; 435/320.1, 435/446, 435/455, 536/23.1, 604/20

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May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058280 A1

TITLE: Metal chelate containing compositions for use in chemiluminescent assays

PUBLICATION-DATE: May 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Singh, Sharat	San Jose	CA	US	
Ullman, Edwin F.	Atherton	CA	US	

US-CL-CURRENT: 435/6

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Schulze, Brita	Walchensee		DE	
Sauer, Birgitta	Penzberg		DE	
Dellian, Marc	Munich		DE	
Michaelis, Uwe	Weilheim		DE	
Teifel, Michael	Penzberg		DE	
Naujoks, Kurt W.	Penzberg		DE	
Biro, Claudia	Muehldorf		DE	

US-CL-CURRENT: 424/450; 424/155.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KUMC

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Pauser, Sabine	Berlin		DE	

US-CL-CURRENT: 424/450; 424/1.11, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Keller, Martin	San Diego	CA	US	

US-CL-CURRENT: 435/6; 435/252.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KMC

☐ 8. Document ID: US 6423533 B1

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File: USPT

Jul 23, 2002

US-PAT-NO: 6423533

DOCUMENT-IDENTIFIER: US 6423533 B1

TITLE: Isolation and use of perchlorate and nitrate reducing bacteria

DATE-ISSUED: July 23, 2002

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Ives; Michael	McKinleyville	CA	95519	

US-CL-CURRENT: 435/262.5; 210/610, 210/611, 435/252.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Drawn Desc	Image								

KMC

☐ 9. Document ID: US 6406913 B1

L2: Entry 9 of 47

File: USPT

Jun 18, 2002

US-PAT-NO: 6406913

DOCUMENT-IDENTIFIER: US 6406913 B1

TITLE: Assay method utilizing induced luminescence

DATE-ISSUED: June 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Kirakossian; Hrair	San Jose	CA		
Pease; John S.	Los Altos	CA		
Daniloff; Yuri	Mountain View	CA		
Wagner; Daniel B.	Sunnyvale	CA		



US-CL-CURRENT: 252/700, 422/52, 435/7.92, 435/971, 435/973, 435/975, 522/11, 522/12,  
522/6, 522/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 10. Document ID: US 6346384 B1

L2: Entry 10 of 47

File: USPT

Feb 12, 2002

US-PAT-NO: 6346384

DOCUMENT-IDENTIFIER: US 6346384 B1

TITLE: Real-time monitoring of PCR using LOCI

DATE-ISSUED: February 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pollner; Reinhold B.	San Diego	CA		

US-CL-CURRENT: 435/6; 435/5, 435/91.1, 435/91.2, 536/24.3, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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Term	Documents
MAGNETOSOME	16
MAGNETOSOMES	40
MAGNETOSOME.USPT,PGPB,JPAB,EPAB,DWPI.	47
(MAGNETOSOME).USPT,PGPB,JPAB,EPAB,DWPI.	47

**Display Format:**

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 47 returned.**☐ 11. Document ID: US 6340599 B1

L2: Entry 11 of 47

File: USPT

Jan 22, 2002

US-PAT-NO: 6340599

DOCUMENT-IDENTIFIER: US 6340599 B1

TITLE: Metal chelate containing compositions for use in chemiluminescent assays

DATE-ISSUED: January 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 436/534; 252/301.16, 252/301.33, 252/301.4R, 252/700, 435/968,  
436/500, 436/518, 436/533, 436/536, 436/537, 436/800

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KMC](#)☐ 12. Document ID: US 6251581 B1

L2: Entry 12 of 47

File: USPT

Jun 26, 2001

US-PAT-NO: 6251581

DOCUMENT-IDENTIFIER: US 6251581 B1

TITLE: Assay method utilizing induced luminescence

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Kirakossian; Hrair	San Jose	CA		
Pease; John S.	Los Altos	CA		
Daniloff; Yuri	Mountain View	CA		
Wagner; Daniel B.	Sunnyvale	CA		

US-CL-CURRENT: 435/4; 252/582, 252/700, 435/174, 435/192, 435/28, 435/810, 435/968,  
436/172, 436/528, 436/533, 436/534, 436/829

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KMC](#)

☐ 13. Document ID: US 6251365 B1

L2: Entry 13 of 47

File: USPT

Jun 26, 2001

US-PAT-NO: 6251365

DOCUMENT-IDENTIFIER: US 6251365 B1

TITLE: Specific magnetosome, method for the production and use thereof

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bauerlein; Edmund	Munchen			DE
Schuler; Dirk	Stassfurt			DE
Reszka; Regina	Schwanebeck			DE
Pauser; Sabine	Berlin			DE

US-CL-CURRENT: 424/9.3; 424/130.1, 424/450, 424/9.1, 424/9.2, 424/9.321, 424/9.34

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 14. Document ID: US 6180354 B1

L2: Entry 14 of 47

File: USPT

Jan 30, 2001

US-PAT-NO: 6180354

DOCUMENT-IDENTIFIER: US 6180354 B1

TITLE: Metal chelate containing compositions for use in chemiluminescent assays

DATE-ISSUED: January 30, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 435/7.1; 422/61, 422/82.08, 435/7.21, 435/7.5, 435/7.8, 435/7.92, 435/7.93, 436/172, 436/501, 436/518, 436/533, 436/534, 436/536, 436/537, 436/808

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 15. Document ID: US 6033878 A

L2: Entry 15 of 47

File: USPT

Mar 7, 2000

US-PAT-NO: 6033878

DOCUMENT-IDENTIFIER: US 6033878 A

TITLE: Protein-bound magnetic particles and process of producing the same

DATE-ISSUED: March 7, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matsunaga; Tadashi	Fuchu			JP

US-CL-CURRENT: 435/69.7; 435/252.3, 435/320.1, 530/350, 530/427, 536/23.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KINC
Draw Desc	Image									

☐ 16. Document ID: US 6002000 A

L2: Entry 16 of 47

File: USPT

Dec 14, 1999

US-PAT-NO: 6002000

DOCUMENT-IDENTIFIER: US 6002000 A

TITLE: Chemiluminescent compounds and methods of use

DATE-ISSUED: December 14, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 544/6; 252/301.16, 252/301.26, 252/301.32, 252/700, 544/71, 546/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KINC
Draw Desc	Image									

☐ 17. Document ID: US 5936070 A

L2: Entry 17 of 47

File: USPT

Aug 10, 1999

US-PAT-NO: 5936070

DOCUMENT-IDENTIFIER: US 5936070 A

TITLE: Chemiluminescent compounds and methods of use

DATE-ISSUED: August 10, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 530/391.3; 435/6, 435/805, 435/815, 435/818, 436/544, 530/391.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 18. Document ID: US 5869748 A

L2: Entry 18 of 47

File: USPT

Feb 9, 1999

US-PAT-NO: 5869748

DOCUMENT-IDENTIFIER: US 5869748 A

TITLE: Acoustic monitor assembly

DATE-ISSUED: February 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stevenson; Adrian Carl	Cambridge			GB3
Marks; Robert Steven	Rehovot			IL

US-CL-CURRENT: 73/53.01; 324/204, 324/239, 435/287.1, 435/39, 73/579, 73/61.75,  
73/643, 73/863.22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 19. Document ID: US 5811311 A

L2: Entry 19 of 47

File: USPT

Sep 22, 1998

US-PAT-NO: 5811311

DOCUMENT-IDENTIFIER: US 5811311 A

TITLE: Metal chelate containing compositions for use in chemiluminescent assays

DATE-ISSUED: September 22, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 436/518; 252/301.16, 252/301.35, 252/700, 435/7.1, 435/968, 436/172,  
436/533

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 20. Document ID: US 5807675 A

L2: Entry 20 of 47

File: USPT

Sep 15, 1998

US-PAT-NO: 5807675

DOCUMENT-IDENTIFIER: US 5807675 A

TITLE: Fluorescent oxygen channeling immunoassays

DATE-ISSUED: September 15, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davalian; Dariush	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 435/6; 435/7.1, 435/7.5, 435/7.8, 435/7.91, 435/7.92, 436/501,  
436/523, 436/525, 436/533, 436/534, 436/536

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

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Term	Documents
MAGNETOSOME	16
MAGNETOSOMES	40
MAGNETOSOME.USPT,PGPB,JPAB,EPAB,DWPI.	47
(MAGNETOSOME).USPT,PGPB,JPAB,EPAB,DWPI.	47

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L2: Entry 21 of 47

File: USPT

Jul 14, 1998

US-PAT-NO: 5780646

DOCUMENT-IDENTIFIER: US 5780646 A

TITLE: Cyclic ether compounds

DATE-ISSUED: July 14, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 549/14

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KMC](#)☐ 22. Document ID: US 5709994 A

L2: Entry 22 of 47

File: USPT

Jan 20, 1998

US-PAT-NO: 5709994

DOCUMENT-IDENTIFIER: US 5709994 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Photoactivatable chemiluminescent matrices

DATE-ISSUED: January 20, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pease; John S.	Los Altos	CA		
Kirakossian; Hrair	San Jose	CA		
Wagner; Daniel B.	Sunnyvale	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 435/4; 252/582, 252/700, 435/6, 435/7.1, 435/7.92, 435/810, 436/172, 436/3, 436/501, 436/829

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KMC](#)

☐ 23. Document ID: US 5672478 A

L2: Entry 23 of 47

File: USPT

Sep 30, 1997

US-PAT-NO: 5672478

DOCUMENT-IDENTIFIER: US 5672478 A

TITLE: Methods of use for and kits containing chemiluminescent compounds

DATE-ISSUED: September 30, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 435/6; 435/4, 435/5, 435/7.1, 435/7.2, 435/810, 436/501, 436/63,  
536/24.3, 536/24.31, 536/24.32, 536/26.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 24. Document ID: US 5618732 A

L2: Entry 24 of 47

File: USPT

Apr 8, 1997

US-PAT-NO: 5618732

DOCUMENT-IDENTIFIER: US 5618732 A

TITLE: Method of calibration with photoactivatable chemiluminescent matrices

DATE-ISSUED: April 8, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pease; John S.	Los Altos	CA		
Kirakossian; Hrair	San Jose	CA		
Wagner; Daniel B.	Sunnyvale	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 436/8; 436/172, 436/905

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 25. Document ID: US 5616719 A

L2: Entry 25 of 47

File: USPT

Apr 1, 1997

US-PAT-NO: 5616719

DOCUMENT-IDENTIFIER: US 5616719 A



TITLE: Photoactive indicator compounds

DATE-ISSUED: April 1, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davalian; Dariush	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 546/334; 548/228, 549/285, 549/286, 549/400, 549/466, 549/479, 558/409

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 26. Document ID: US 5578498 A

L2: Entry 26 of 47

File: USPT

Nov 26, 1996

US-PAT-NO: 5578498

DOCUMENT-IDENTIFIER: US 5578498 A

TITLE: Metal chelate containing compositions for use in chemiluminescent assays

DATE-ISSUED: November 26, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 436/518; 252/301.16, 252/301.33, 252/301.35, 252/301.4R, 252/700, 436/172, 436/533, 436/534, 436/536, 436/537, 436/800

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 27. Document ID: US 5557199 A

L2: Entry 27 of 47

File: USPT

Sep 17, 1996

US-PAT-NO: 5557199

DOCUMENT-IDENTIFIER: US 5557199 A

TITLE: Magnetic resonance monitor

DATE-ISSUED: September 17, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman; Joseph D.	Cincinnati	OH		
Engel, III; Daniel P.	Cheviot	OH		

US-CL-CURRENT: 324/301; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 28. Document ID: US 5545834 A

L2: Entry 28 of 47

File: USPT

Aug 13, 1996

US-PAT-NO: 5545834

DOCUMENT-IDENTIFIER: US 5545834 A

TITLE: Chemiluminescent compounds and methods of use

DATE-ISSUED: August 13, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 544/6; 252/301.16, 252/301.26, 252/301.32, 252/700, 544/231, 544/71, 546/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 29. Document ID: US 5536834 A

L2: Entry 29 of 47

File: USPT

Jul 16, 1996

US-PAT-NO: 5536834

DOCUMENT-IDENTIFIER: US 5536834 A

TITLE: Cyclic ether compounds

DATE-ISSUED: July 16, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 544/98; 549/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 30. Document ID: US 5340716 A

L2: Entry 30 of 47

File: USPT

Aug 23, 1994

US-PAT-NO: 5340716

DOCUMENT-IDENTIFIER: US 5340716 A

TITLE: Assay method utilizing photoactivated chemiluminescent label

DATE-ISSUED: August 23, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Kirakossian; Hrair	San Jose	CA		
Pease; John S.	Los Altos	CA		
Daniloff; Yuri	Mountain View	CA		
Wagner; Daniel B.	Sunnyvale	CA		

US-CL-CURRENT: 435/6; 435/7.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KUMC

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Term	Documents
MAGNETOSOME	16
MAGNETOSOMES	40
MAGNETOSOME.USPT,PGPB,JPAB,EPAB,DWPI.	47
(MAGNETOSOME).USPT,PGPB,JPAB,EPAB,DWPI.	47

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 31 through 40 of 47 returned.**☐ 31. Document ID: US 4725140 A

L2: Entry 31 of 47

File: USPT

Feb 16, 1988

US-PAT-NO: 4725140

DOCUMENT-IDENTIFIER: US 4725140 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method of measuring specific binding reaction with the aid of polarized light beam and magnetic field

DATE-ISSUED: February 16, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Musha; Toshimitsu	Machida City, Tokyo			JP

US-CL-CURRENT: 356/336; 356/364

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KMIC](#)☐ 32. Document ID: US 4677067 A

L2: Entry 32 of 47

File: USPT

Jun 30, 1987

US-PAT-NO: 4677067

DOCUMENT-IDENTIFIER: US 4677067 A

TITLE: Magnetotactic bacteria in clinical assay, immunoassay, and cell separation procedures and the like

DATE-ISSUED: June 30, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; Brian B.	New York	NY		
Blakemore; Nancy	Durham	NH		

US-CL-CURRENT: 435/177; 210/695, 435/262, 435/820, 436/526, 436/806, 436/824, 530/413, 530/811

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KMIC](#)

☐ 33. Document ID: US 4452896 A

L2: Entry 33 of 47

File: USPT

Jun 5, 1984

US-PAT-NO: 4452896

DOCUMENT-IDENTIFIER: US 4452896 A

TITLE: Culture medium and conditions for growth of magnetic bacteria

DATE-ISSUED: June 5, 1984

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blakemore; Richard P.	Durham	NH	03824	
Wolfe; Ralph S.	Champaign	IL	61820	

US-CL-CURRENT: 435/252.1; 435/168, 435/822

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 34. Document ID: US 4394451 A

L2: Entry 34 of 47

File: USPT

Jul 19, 1983

US-PAT-NO: 4394451

DOCUMENT-IDENTIFIER: US 4394451 A

TITLE: Culture medium and conditions for growth of magnetic bacteria

DATE-ISSUED: July 19, 1983

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blakemore; Richard P.	Durham	NH		
Wolfe; Ralph S.	Champaign	IL		

US-CL-CURRENT: 435/253.6; 435/168, 435/822

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 35. Document ID: US 4385119 A

L2: Entry 35 of 47

File: USPT

May 24, 1983

US-PAT-NO: 4385119

DOCUMENT-IDENTIFIER: US 4385119 A

TITLE: Magnetic bacteria and products derived therefrom

DATE-ISSUED: May 24, 1983

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blakemore; Richard P.	Durham	NH		

US-CL-CURRENT: 435/168; 435/173.7, 435/317.1, 435/820, 435/822

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 36. Document ID: JP 07241192 A

L2: Entry 36 of 47

File: JPAB

Sep 19, 1995

PUB-NO: JP407241192A

DOCUMENT-IDENTIFIER: JP 07241192 A

TITLE: LIPOSOME CONTAINING MAGNETIC BACTERIUM MAGNETOSOME AND GENE AND METHOD FOR INTRODUCING GENE INTO BACTERIUM BY UTILIZATION OF THE SAME

PUBN-DATE: September 19, 1995

## INVENTOR-INFORMATION:

NAME

COUNTRY

HARADA, KOICHIRO

NAGAI, RYOZO

MATSUNAGA, TADASHI

INT-CL (IPC): C12 N 15/09

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 37. Document ID: JP 63014717 A

L2: Entry 37 of 47

File: JPAB

Jan 21, 1988

PUB-NO: JP363014717A

DOCUMENT-IDENTIFIER: JP 63014717 A

TITLE: LIPOSOME PREPARATION

PUBN-DATE: January 21, 1988

## INVENTOR-INFORMATION:

NAME

COUNTRY

GOMIYO, HIDEYUKI

KANEKI, HIROYUKI

INT-CL (IPC): A61K 9/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC



☐ 38. Document ID: JP 62275679 A

L2: Entry 38 of 47

File: JPAB

Nov 30, 1987

PUB-NO: JP362275679A

DOCUMENT-IDENTIFIER: JP 62275679 A

TITLE: PREPARATION OF CELL CONTAINING FINE MAGNETIC PARTICLE

PUBN-DATE: November 30, 1987

## INVENTOR-INFORMATION:

NAME

COUNTRY

MATSUNAGA, TADASHI

KAMIYA, SHINJI

US-CL-CURRENT: 435/252.1

INT-CL (IPC): C12N 5/00; C12N 1/20; C12N 15/00; C12N 1/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 39. Document ID: WO 9840049 A2

L2: Entry 39 of 47

File: EPAB

Sep 17, 1998

PUB-NO: WO009840049A2

DOCUMENT-IDENTIFIER: WO 9840049 A2

TITLE: SPECIFIC MAGNETOSOME, METHOD FOR THE PRODUCTION AND USE THEREOF

PUBN-DATE: September 17, 1998

## INVENTOR-INFORMATION:

NAME

COUNTRY

BAEUERLEIN, EDMUND

DE

SCHUELER, DIRK

DE

RESZKA, REGINA

DE

PAEUSER, SABINE

DE

INT-CL (IPC): A61 K 9/00

EUR-CL (EPC): A61K033/26; A61K041/00, A61K041/00 , A61K048/00 , A61K049/18 ,  
A61N002/06 , C12N015/88

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 40. Document ID: CN 1379086 A

L2: Entry 40 of 47

File: DWPI

Nov 13, 2002

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TITLE: Magnetotactic bacterium of iron ore and process for separating and refining

it and preparing magnetic corpuscula

INVENTOR: DAI, S; GAO, M ; PENG, K

PRIORITY-DATA: 2002CN-0115868 (May 20, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1379086 A	November 13, 2002		000	C12N001/20

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